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PATENT NUMBER and  
ISSUE DATE

U.S. UTILITY Patent Application

|   |             |  |          |                                  |          |     |  |          |  |
|---|-------------|--|----------|----------------------------------|----------|-----|--|----------|--|
| APPLICATION   |             | CLASS  |          | SUBCLASS                         |          | GRU |  | EXAMINER |  |
| APPL NUM  | FILING DATE | CLASS  | SUBCLASS | GRU                              | EXAMINER |     |  |          |  |
| 10040115  | 01/03/2002  | 360  | 53       | 2651                             | Figueroa |     |  |          |  |
| <b>**APPLICANTS:</b> Asano Hideo; Hassner Martin; Heise Nyles; Tamura Tetsuya;  |             |  |          |                                  |          |     |  |          |  |
| <b>**CONTINUING DATA VERIFIED:</b>  |             |  |          |                                  |          |     |  |          |  |
| <b>**FOREIGN APPLICATIONS VERIFIED:</b>   |             |  |          |                                  |          |     |  |          |  |
| PG-PUB  |             | DO NOT PUBLISH <input type="checkbox"/>                  |          | RESCIND <input type="checkbox"/> |          |     |  |          |  |
| Foreign priority claimed  |             | <input type="checkbox"/> yes <input type="checkbox"/> no |          | ATTORNEY DOCKET NO               |          |     |  |          |  |
| 35 USC 119 conditions met   |             | <input type="checkbox"/> yes <input type="checkbox"/> no |          | ARC920010055US1                  |          |     |  |          |  |
| Verified and Acknowledged Examiners's initials  |             |  |          |                                  |          |     |  |          |  |
| <b>TITLE :</b> Multiple level (ML), integrated sector format (ISF), error correction code (ECC) encoding and decoding processes for data storage or communication devices and systems |             |  |          |                                  |          |     |  |          |  |
| <small>U.S. DEPT. OF COMM./PAT. &amp; TM.-PTO-436L (Rev. 12-94)</small>   |             |  |          |                                  |          |     |  |          |  |

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|---|-----------|--|--|-----------------------|---------------------|
| <b>NOTICE OF ALLOWANCE MAILED</b>                       |           | Assistant Examiner   |  | <b>CLAIMS ALLOWED</b> |                     |
|   |           |  |  | Total Claims          | Print Claim for O.G |
| <b>ISSUE FEE</b>  |           | Primary Examiner   |  | <b>DRAWING</b>        |                     |
| Amount Due  | Date Paid |  |  | Sheeto Drwg.          | Figs. Drwg.         |
| <input type="checkbox"/> <b>TERMINAL<br/>DISCLAIMER</b> |           | PREPARED FOR ISSUE   |  | Application Examiner  |                     |
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